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PTO/SB/05 (11-00)  
Approved for use through 10/31/2002. OMB 0651-0046

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 3179.2.2  
First Inventor Brent C. S.  
Title  
Express Mail Label No. EL671852626US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
- ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
- ☒ Specification [Total Pages 68]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 15]
- ☒ Oath or Declaration [Total Pages 2]
  - ☐ Newly executed (original or copy)
  - ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
    - ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - ☐ Computer Readable Form (CRF)
  - Specification Sequence Listing on:
    - ☐ CD-ROM or CD-R (2 copies); or
    - ☐ paper
  - ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

- ☒ Assignment Papers (cover sheet & document(s))
- ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
- ☐ English Translation Document (if applicable)
- ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
- ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
- ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
- ☒ Other: Express Mailing Certificate

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: 09 / 650,806

Prior application information:

Examiner

Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

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Name (Print/Type) Hal D. Baird Registration No. (Attorney/Agent) 42,284  
Signature [Signature] Date Jan. 18, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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|---|------------------|--|----------|--------------------|--|-------------|------------------|----------------------|----------------|----------------|--|---------------|--|
| <h1 style="margin: 0;">FEE TRANSMITTAL</h1> <p style="margin: 5px 0 0 0;"><i>Note: Effective October 1, 1997.<br/>Patent fees are subject to annual revision.</i></p> |                  | <p><b>Complete if Known</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td style="width: 50%;"></td> </tr> <tr> <td>Filing Date</td> <td>January 18, 2001</td> </tr> <tr> <td>First Named Inventor</td> <td>Brent C. Sears</td> </tr> <tr> <td>Group Art Unit</td> <td></td> </tr> <tr> <td>Examiner Name</td> <td></td> </tr> </table> |          | Application Number |  | Filing Date | January 18, 2001 | First Named Inventor | Brent C. Sears | Group Art Unit |  | Examiner Name |  |
| Application Number  |                  |  |          |                    |  |             |                  |                      |                |                |  |               |  |
| Filing Date   | January 18, 2001 |  |          |                    |  |             |                  |                      |                |                |  |               |  |
| First Named Inventor  | Brent C. Sears   |  |          |                    |  |             |                  |                      |                |                |  |               |  |
| Group Art Unit  |                  |  |          |                    |  |             |                  |                      |                |                |  |               |  |
| Examiner Name   |                  |  |          |                    |  |             |                  |                      |                |                |  |               |  |
| TOTAL AMOUNT OF PAYMENT   | 395.00           | Attorney Docket Number   | 3179.2.2 |                    |  |             |                  |                      |                |                |  |               |  |



| METHOD OF PAYMENT (check one)   | FEE CALCULATION (continued)  |                |              |  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
|---|--|----------------|--------------|--|-----------------|-----------------|----------|----------|----------|----------|----------|-----|-----|-----|--------------------|-------------------------------------|-----|-----|-----|-----|-------------------|--|-----|-----|-----|-----|------------------|---------------------------|-----|-----|------|-----|--------------------|--|-----|-----|------|-----|------------------------|--|--------------|-------|----------------|----------|----------|---|---|-----|--------------------|-----|----|--|----------------------|-----|-----|-----|--------------|---|--------------|-----|-----------------|----------|----------|--|----------|----------|------|-----|-----|---|------------------------|-----|------|-----|-----|--|-----------------------------------|-----|-----|-----|-----|------------------|--------------------------|-----|-----|-----|-----|--|---|-----|-----|-----|-----|--------------------------|---|-----|--|-----|------|---|--|-----|-----|-----|----|----------------------------------|--|-----|------|-----|-----|------------------------------------|--|-----|------|-----|-----|-------------------|--|-----|-----|-----|-----|------------------|--|-----|-----|-----|-----|-----------------|--|-----|-----|-----|-----|-------------------------------|--|-----|----|-----|----|---|--|-----|-----|-----|-----|---|--|-----|----|-----|----|--|----|-----|-----|-----|-----|---|--|-----|-----|-----|-----|--|--|
| <p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number <span style="border: 1px solid black; display: inline-block; width: 150px; height: 1.2em; vertical-align: middle;"></span></p> <p>Deposit Account Name <span style="border: 1px solid black; display: inline-block; width: 150px; height: 1.2em; vertical-align: middle;"></span></p> <p><input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17      <input type="checkbox"/> Charge the Issue Fee In 37 CFR at the Mailing of the Notice of Allowance</p> <p><input checked="" type="checkbox"/> Payment Enclosed:</p> <p><input checked="" type="checkbox"/> Check    <input type="checkbox"/> Money Order    <input type="checkbox"/> Other</p>   | <p><b>3. ADDITIONAL FEES</b></p> <table style="width: 100%;"> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2520</td><td>147</td><td>2520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1840*</td><td>113</td><td>1840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>390</td><td>216</td><td>195</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>890</td><td>217</td><td>445</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1390</td><td>218</td><td>695</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1890</td><td>228</td><td>945</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1510</td><td>138</td><td>1510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - intentional</td><td></td></tr> <tr><td>141</td><td>1240</td><td>241</td><td>620</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1240</td><td>242</td><td>620</td><td>Utility issue fee</td><td></td></tr> <tr><td>143</td><td>440</td><td>243</td><td>220</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>600</td><td>244</td><td>300</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td>40</td></tr> <tr><td>146</td><td>710</td><td>246</td><td>355</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>710</td><td>249</td><td>355</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> </table> <p>Other fee (specify) _____</p> <p>Other fee (specify) _____</p> | Large Entity   |              | Small Entity   |                 | Fee Description | Fee Paid | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 105 | 130 | 205 | 65                 | Surcharge - late filing fee or oath |     | 127 | 50  | 227 | 25                | Surcharge - late provisional filing fee or cover sheet |     | 139 | 130 | 139 | 130              | Non-English specification |     | 147 | 2520 | 147 | 2520               | For filing a request for reexamination |     | 112 | 920* | 112 | 920*                   | Requesting publication of SIR prior to Examiner action |              | 113   | 1840*          | 113      | 1840*    | Requesting publication of SIR after Examiner action |   | 115 | 110                | 215 | 55 | Extension for reply within first month |                      | 116 | 390 | 216 | 195          | Extension for reply within second month |              | 117 | 890             | 217      | 445      | Extension for reply within third month |          | 118      | 1390 | 218 | 695 | Extension for reply within fourth month |                        | 128 | 1890 | 228 | 945 | Extension for reply within fifth month |                                   | 119 | 310 | 219 | 155 | Notice of Appeal |                          | 120 | 310 | 220 | 155 | Filing a brief in support of an appeal |   | 121 | 270 | 221 | 135 | Request for oral hearing |   | 138 | 1510   | 138 | 1510 | Petition to institute a public use proceeding |  | 140 | 110 | 240 | 55 | Petition to revive - intentional |  | 141 | 1240 | 241 | 620 | Petition to revive - unintentional |  | 142 | 1240 | 242 | 620 | Utility issue fee |  | 143 | 440 | 243 | 220 | Design issue fee |  | 144 | 600 | 244 | 300 | Plant issue fee |  | 122 | 130 | 122 | 130 | Petitions to the Commissioner |  | 123 | 50 | 123 | 50 | Petitions related to provisional applications |  | 126 | 240 | 126 | 240 | Submission of Information Disclosure Stmt |  | 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | 40 | 146 | 710 | 246 | 355 | Filing a submission after final rejection (37 CFR 1.129(a)) |  | 149 | 710 | 249 | 355 | For each additional invention to be examined (37 CFR 1.129(b)) |  |
| Large Entity  |  | Small Entity   |              | Fee Description  | Fee Paid        |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| Fee Code  | Fee (\$)   | Fee Code       | Fee (\$)     |  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 105   | 130  | 205            | 65           | Surcharge - late filing fee or oath  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 127   | 50   | 227            | 25           | Surcharge - late provisional filing fee or cover sheet                     |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 139   | 130  | 139            | 130          | Non-English specification  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 147   | 2520   | 147            | 2520         | For filing a request for reexamination                                     |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 112   | 920*   | 112            | 920*         | Requesting publication of SIR prior to Examiner action                     |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 113   | 1840*  | 113            | 1840*        | Requesting publication of SIR after Examiner action                        |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 115   | 110  | 215            | 55           | Extension for reply within first month                                     |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 116   | 390  | 216            | 195          | Extension for reply within second month                                    |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 117   | 890  | 217            | 445          | Extension for reply within third month                                     |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 118   | 1390   | 218            | 695          | Extension for reply within fourth month                                    |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 128   | 1890   | 228            | 945          | Extension for reply within fifth month                                     |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 119   | 310  | 219            | 155          | Notice of Appeal   |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 120   | 310  | 220            | 155          | Filing a brief in support of an appeal                                     |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 121   | 270  | 221            | 135          | Request for oral hearing   |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 138   | 1510   | 138            | 1510         | Petition to institute a public use proceeding                              |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 140   | 110  | 240            | 55           | Petition to revive - intentional   |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 141   | 1240   | 241            | 620          | Petition to revive - unintentional   |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 142   | 1240   | 242            | 620          | Utility issue fee  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 143   | 440  | 243            | 220          | Design issue fee   |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 144   | 600  | 244            | 300          | Plant issue fee  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 122   | 130  | 122            | 130          | Petitions to the Commissioner  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 123   | 50   | 123            | 50           | Petitions related to provisional applications                              |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 126   | 240  | 126            | 240          | Submission of Information Disclosure Stmt                                  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 581   | 40   | 581            | 40           | Recording each patent assignment per property (times number of properties) | 40              |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 146   | 710  | 246            | 355          | Filing a submission after final rejection (37 CFR 1.129(a))                |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 149   | 710  | 249            | 355          | For each additional invention to be examined (37 CFR 1.129(b))             |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| <p><b>FEE CALCULATION</b></p> <p><b>1. FILING FEE</b></p> <table style="width: 100%;"> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> <tr><td>101</td><td>710</td><td>201</td><td>355</td><td>Utility filing fee</td><td>355</td></tr> <tr><td>106</td><td>320</td><td>206</td><td>160</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>490</td><td>207</td><td>245</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>710</td><td>208</td><td>355</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td></td></tr> </table> <p><b>SUBTOTAL (1)</b> <span style="float: right;">355</span></p> <p><b>2. CLAIMS</b></p> <table style="width: 100%;"> <tr> <th>Total Claims</th> <th>Extra</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> <tr> <td>20 -20 =</td> <td>0</td> <td>9</td> <td>0</td> </tr> <tr> <td>Ind. Claims 2 -3 =</td> <td>0</td> <td></td> <td>0</td> </tr> <tr> <td>Multiple Dep. Claims</td> <td>0</td> <td></td> <td>0</td> </tr> </table> <table style="width: 100%;"> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>102</td><td>80</td><td>202</td><td>40</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>104</td><td>270</td><td>204</td><td>135</td><td>Multiple dependent claim</td><td></td></tr> <tr><td>109</td><td>80</td><td>209</td><td>40</td><td>Reissue independent claims over original patent</td><td></td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>Reissue claims in excess of 20 and over original patent</td><td></td></tr> </table> <p><b>SUBTOTAL (2)</b> <span style="float: right;">355</span></p> | Large Entity   |                | Small Entity |  | Fee Description | Fee Paid        | Fee Code | Fee (\$) | Fee Code | Fee (\$) | 101      | 710 | 201 | 355 | Utility filing fee | 355                                 | 106 | 320 | 206 | 160 | Design filing fee |  | 107 | 490 | 207 | 245 | Plant filing fee |                           | 108 | 710 | 208  | 355 | Reissue filing fee |  | 114 | 150 | 214  | 75  | Provisional filing fee |  | Total Claims | Extra | Fee from below | Fee Paid | 20 -20 = | 0   | 9 | 0   | Ind. Claims 2 -3 = | 0   |    | 0                                      | Multiple Dep. Claims | 0   |     | 0   | Large Entity |   | Small Entity |     | Fee Description | Fee Paid | Fee Code | Fee (\$)                               | Fee Code | Fee (\$) | 103  | 18  | 203 | 9                                       | Claims in excess of 20 |     | 102  | 80  | 202 | 40                                     | Independent claims in excess of 3 |     | 104 | 270 | 204 | 135              | Multiple dependent claim |     | 109 | 80  | 209 | 40                                     | Reissue independent claims over original patent |     | 110 | 18  | 210 | 9                        | Reissue claims in excess of 20 and over original patent |     | <p><b>SUBTOTAL (3)</b> <span style="float: right;">40</span></p> <p>*Reduced by Basic Filing Fee</p> |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| Large Entity  |  | Small Entity   |              | Fee Description  |                 |                 | Fee Paid |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| Fee Code  | Fee (\$)   | Fee Code       | Fee (\$)     |  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 101   | 710  | 201            | 355          | Utility filing fee   | 355             |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 106   | 320  | 206            | 160          | Design filing fee  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 107   | 490  | 207            | 245          | Plant filing fee   |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 108   | 710  | 208            | 355          | Reissue filing fee   |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 114   | 150  | 214            | 75           | Provisional filing fee   |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| Total Claims  | Extra  | Fee from below | Fee Paid     |  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 20 -20 =  | 0  | 9              | 0            |  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| Ind. Claims 2 -3 =  | 0  |                | 0            |  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| Multiple Dep. Claims  | 0  |                | 0            |  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| Large Entity  |  | Small Entity   |              | Fee Description  | Fee Paid        |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| Fee Code  | Fee (\$)   | Fee Code       | Fee (\$)     |  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 103   | 18   | 203            | 9            | Claims in excess of 20   |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 102   | 80   | 202            | 40           | Independent claims in excess of 3  |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 104   | 270  | 204            | 135          | Multiple dependent claim   |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 109   | 80   | 209            | 40           | Reissue independent claims over original patent                            |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |
| 110   | 18   | 210            | 9            | Reissue claims in excess of 20 and over original patent                    |                 |                 |          |          |          |          |          |     |     |     |                    |                                     |     |     |     |     |                   |  |     |     |     |     |                  |                           |     |     |      |     |                    |  |     |     |      |     |                        |  |              |       |                |          |          |   |   |     |                    |     |    |  |                      |     |     |     |              |   |              |     |                 |          |          |  |          |          |      |     |     |   |                        |     |      |     |     |  |                                   |     |     |     |     |                  |                          |     |     |     |     |  |   |     |     |     |     |                          |   |     |  |     |      |   |  |     |     |     |    |                                  |  |     |      |     |     |                                    |  |     |      |     |     |                   |  |     |     |     |     |                  |  |     |     |     |     |                 |  |     |     |     |     |                               |  |     |    |     |    |   |  |     |     |     |     |   |  |     |    |     |    |  |    |     |     |     |     |   |  |     |     |     |     |  |  |

| SUBMITTED BY          |              |  |  | Complete (if applicable) |              |
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| Typed or Printed Name | Hal D. Baird |  |  | Reg. Number              | 42,284       |
| Signature             |              |  |  | Date                     | Jan 18, 2001 |
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I hereby certify that this patent application in the names of Brent C. Sears and Johannes F. Van Rooyen for "BROWSER PROXY CLIENT APPLICATION SERVICE PROVIDER (ASP) INTERFACE" together with fifteen (15) sheets of drawings; Declaration, Power of Attorney and Petition; Declaration Claiming Small Entity Status for a Small Business Concern; Assignment and cover sheet; transmittal letter, and Check No. 3137 for \$395.00, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above in an envelope addressed to Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231.

Respectfully submitted,

A handwritten signature in cursive script that reads "Hal D. Baird".

Hal D. Baird  
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Date: January 18, 2001

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